PROP. PAY LIMIT OF BIT. SURF. REMOVAL FULL THICKNESS OF MILLING TEMP. RAMP (NOTE "E") PROP. BIT. SURFACE REMOVAL-EXIST, PAVEMENT SURFACE MILLED TEMPORARY RAMP (FOR BUTT JOINT AND BIT. TAPER SEE DETAIL BELOW) OPTION 1 PROP. PAY LIMIT OF BIT. SURF. REMOVAL FULL THICKNESS OF MILLING SAW CUT (INCLUDED IN THE COST OF BITUMINOUS SURFACE REMOVAL - BUTT JOINT) TEMP. RAMP PROP. BIT. SURFACE REMOVAL 45 (1 3/4) FOR E AND F MIX 40 (1 1/2) FOR C AND D MIX 1.35 m (4.5') PAY LIMIT FOR BUTT JOINT (NOTE "D") (NOTE "F") EXIST. BIT. EXIST. PAVEMENT BITUMINOUS CONSTRUCTED TEMPORARY RAMP (FOR BUTT JOINT AND BIT. TAPER SEE DETAIL BELOW) OPTION 2 TYPICAL TEMPORARY RAMP BIT. TAPER LENGTH \*\*\* SAW CUT (INCLUDED IN THE COST OF BITUMINOUS SURFACE PROP. BIT. SURF. CRSE. PROP. BIT. BINDER CRSE. 1.35 m (4.5') VARIES\_ 45 (1 3/4) FOR E AND F MIX 40 (1 1/2) FOR C AND D MIX PAY LIMIT FOR BUTT JOINT (NOTE "D") EXIST. BIT. EXIST. PAVEMENT - BIT. SURF, REMOVAL - BUTT JOINT BUTT JOINT AND BITUMINOUS TAPER

TYPICAL BUTT JOINT AND BITUMINOUS TAPER

FOR MILLING AND RESURFACING

W:\diststd\bd32.dgn Vi=BD32

F. A.P. SECTION COUNTY TOTAL SHEET NO.

395 0610 RS-1 COOK 26 16 TO STA. FED. ROAD DIST, NO. \_ ILLINOIS FED. AID PROJECT PROP. BIT. OR P.C.C.
SURFACE REMOVAL - BUTT JOINT
9.0 m (30ff.) (NOTE "A") SAW CUT (INCLUDED IN THE COST OF BITUMINOUS SURFACE EXIST. BIT. OR CONC. SURFACE 4.5 m (15ft.) (NOTE "B") RÉMOVAL - BUTT JOINT) (NOTE "D") \_45 (1 3/4) FOR E AND F MIX 40 (1 1/2) FOR C AND D MIX \* \* EXIST. PAVEMENT BUTT JOINT DETAIL TAPER LENGTH \* \* \* VARIES \_\_ PROP. BIT. SURF. CRSE. -45 (1 3/4) FOR E AND F MIX F 40 (1 1/2) FOR C AND D MIX PROP. BIT. BINDER CRSE. -

## TYPICAL BUTT JOINT AND BITUMINOUS TAPER FOR RESURFACING ONLY

BITUMINOUS TAPER DETAIL

\* \* PC CONCRETE, BITUMINOUS OR BITUMINOUS RESURFACED PAVEMENT.

## NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.

THE BUTT JOINT WILL BE PAID FOR PER SQUARE METER (SQUARE YARD.) AS "BITUMINOUS SURFACE REMOVAL - BUTT JOINT" OR AS "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

BASIS OF PAYMENT:

\* \* EXIST, PAVEMENT

- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING BITUMINOUS SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED BITUMINOUS COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 900 (3 ft.) PER INCH OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 1.35 m (4.5') TEMP. BIT. RAMP WILL BE PAID AS "BITUMINOUS SURFACE REMOVAL - BUTT JOINT".
- G: SEE ARTICLE 406.18 AND 406.24 OF THE STANDARD SPECIFICATIONS FOR "BITUMINOUS AND PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- $\mbox{\ensuremath{\mbox{\#}}}$

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND BITUMINOUS TAPER DETAILS

10/25/94 03/21/97

DRAWN BY CHECKED BY BD400-05 (VI=BD32)

CONTRACT NO. 60A33

REVISION DATE: 04/06/01